

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

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Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru	Platform	DAAC/ADC	from	to	Granule	Format	Struc	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover	
LIS	GMS Imagery	0	N0112	GMS_VISSR	0	Imagery	GMS Imagery	VISSR	GMS	?	?	?	?	?	?	?	?	?	?	?	N/A	
LIS	Ground Lightning Strike data	0	N0113	LIGHTNING_BS	0	Ground Lightning Strike Data	various	?	WSR88D	?	?	?	?	?	?	0.002	?	?	?	?	?	
LIS	Ground/ Radar data	0	N0114	NEXRAD	0	NEXRAD radar volume scans	0	?	?	?	?	?	?	?	?	1.6488	?	?	?	?	?	
LIS	Gridded Tropopause Height	0	N0100	ECMWF_HEIG	0	tropopause height	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Land Sfc	N0039	ECMWF_LST	910	land surface temperature	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?		
MODIS	Surface Temperature		N0026	ECMWF_LST	7	land surface temperature	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
ASTER	atmospheric data, NMC	GAP 3-D Data - Atmos. Temp. Profile	N0009	ECMWF_MET	49	met conditions	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Geopotential Height, Atmos	N0039	ECMWF_MET	912	met conditions	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?		
MISR	Atmospheric Fields, Analyzed		N0001	ECMWF_MET	50	met conditions	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
MODIS	Temperature and Moisture Profiles	Temperature and Moisture Profiles	N0027	ECMWF_MET	8	met conditions	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?		
MOPITT	Temperature Fields, Analyzed	Humidity Fields, Analyzed	N0125	ECMWF_MET	157	met conditions	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?		
ASTER	atmospheric data, NMC	GAP 3-D Data - Relative Humidity (g/kg)	N0009	ECMWF_RH	49	relative humidity	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
MISR	Atmospheric Fields, Analyzed		N0001	ECMWF_RH	214	relative humidity	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
MOPITT	Humidity Fields, Analyzed	GAP 3-D Data - Relative Humidity (g/kg)	N0126	ECMWF_RH	214	relative humidity	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?		
ASTER	atmospheric data, NMC	GAP 3-D Data Sea Surface Wind Speed (u8v comps)	N0009	ECMWF_WS	49	surface wind speed	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
MISR	Atmospheric Fields, Analyzed		N0001	ECMWF_WS	216	surface wind speed	0	n/a	n/a	ECMWF	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	
AIRS	Land/Water Flag for AIRS	Land/Water Flag	N0063	DCW_LND_SEA	233	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
ASTER	World Coastal Map	World Coastal Map (Ocean Map)	N0030	DCW_LND_SEA	11	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Land Type, Sfc	N0079	DCW_LND_SEA	893	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
LIS	Land/Water flag	0	N0111	DCW_LND_SEA	0	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
MISR	coastline reference maps		N0007	DCW_LND_SEA	212	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
MODIS	World Coastal Map	World Coastal Map (Ocean Map)	N0030	DCW_LND_SEA	11	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
MOPITT	Land/Sea Flag	0	N0121	DCW_LND_SEA	0	Digital Chart of the World	DCW	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	?	VPF	n/a	n/a	1-3km	n/a	1:1000,000	n/a
AIRS	Surface Type Map	Surface Type	N0066	Ecosystem_CD-ROM	331	Ecosystems	0	0	0	ECS	Jan-1990	Jan-2010	0	0	0	0	0	0	0	0	0	
CERES	Geographical Map of Earth (SURFMAP) Data	Vegetation	N0079	Ecosystem_CD-ROM	0	Ecosystems	0	0	0	ECS	Jan-1990	Jan-2010	0	0	0	0	0	0	0	0	0	
MISR	land_sfc cover classifier		N0006	Ecosystem_CD-ROM	215	Ecosystems	0	0	0	ECS	Jan-1990	Jan-2010	0	0	0	0	0	0	0	0	0	

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CERES	Geographical Map of Earth (SURFMAP) Data	Elevation, above Sea Level	N0079	Terrainbase	892	DEM		0	0	0	ECS	Jan-1990	Jan-2010	?	?	0	0	0	0	0	0
MOPITT	DEM	0	N0120	Terrainbase	0	DEM	0	0	0	ECS	Jan-1990	Jan-2010	?	?	0	0	0	0	0	0	0
CERES	Geographical Map of Earth (SURFMAP) Data	Land Type, Sfc	N0079	WVS_LND_SE A	893	World Vector Shorelines	WVS	n/a	n/a	ECS	Jan-1990	Jan-2010	?	?	vector	n/a	n/a	500m-kms	n/a	1:250,000	n/a
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Land Sfc	N0039	AST08	3803	Surface Kinetic Temperature	Land_sfc Temperature, Kinetic	ASTER	AM1	EDC	Jun-1998	May-2003	unknown	HDF	unknown	2	K	1-4 K :: 0.3 K	1/(16 day)	90 m :: Land/R,L	N/A :: Sfc
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Land Sfc	N0039	MOD11	2484	Land_sfc Temperature/Emissivity	Land_sfc Temperature	MODIS	AM,PM	EDC	Jun-1998	Oct-2008	unknown	HDF	unknown	2,67	C	1-4 C ::	1/day, 1/wk	1 km :: Land/R	N/A :: Sfc
MISR	fixed	fixed	MIS06	MOD12(2669)	fixed	Land_Cover_Type	Land_Cover Type	MODIS	AM,PM	EDC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.04	categorical fraction	10% ::	1/(3 months)	1 km :: Land	N/A :: Sfc
AIRS	digital elevation model; in situ	Digital Elevation Model	N0065	DCW_GLOBA L_DEM	340	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	est complet - Jan 95	n/a	?	?	?	n/a	horz - 1 km; vert - meters +/- 144m	rel accur; horz - 600 C.E.; vert +/- 144m	n/a	horz resol - 1km	expected accur. 100 meters
ASTER	digital elevation model (DEM)	Digital Elevation Model (DEM)	N0002	DCW_Global_ DEM	817	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	est complet - Jan 95	n/a	?	?	?	n/a	horz - 1 km; vert - meters +/- 144m	rel accur; horz - 600 C.E.; vert +/- 144m	n/a	horz resol - 1km	expected accur. 100 meters
MISR	digital elevation model (DEM)	Digital Elevation Model (DEM)	N0002	DCW_Global_ DEM	817	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	est complet - Jan 95	n/a	?	?	?	n/a	horz - 1 km; vert - meters +/- 144m	rel accur; horz - 600 C.E.; vert +/- 144m	n/a	horz resol - 1km	expected accur. 100 meters
MODIS	digital elevation model; DTED-1, DCW	Digital Elevation Model	N0032	DCW_Global_ DEM	847	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	est complet - Jan 95	n/a	?	?	?	n/a	horz - 1 km; vert - meters +/- 144m	rel accur; horz - 600 C.E.; vert +/- 144m	n/a	horz resol - 1km	expected accur. 100 meters
ASTER	digital elevation model (DEM)	Digital Elevation Model (DEM)	N0002	DMA_DTED	817	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	decision on release - mid 1994	n/a	?	reformat DIGEST to HDF ??	?	n/a	horz and vert - meters	rel. horz - 130m C.E; vert +/- 30 m	latitude; 0-50 deg; 3arc secs; 50-70deg 3x 6 arc secs	n/a	30 meters
MISR	digital elevation model (DEM)	Digital Elevation Model (DEM)	N0002	DMA_DTED	817	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	decision on release - mid 1994	n/a	?	reformat DIGEST to HDF ??	?	n/a	horz and vert - meters	rel. horz - 130m C.E; vert +/- 30 m	latitude; 0-50 deg; 3arc secs; 50-70deg 3x 6 arc secs	n/a	30 meters
MODIS	digital elevation model; DTED-1, DCW	Digital Elevation Model	N0032	DMA_DTED	847	Digital Elevation Model	0	n/a	n/a	EDC/ DAAC	decision on release - mid 1994	n/a	?	reformat DIGEST to HDF ??	?	n/a	horz and vert - meters	rel. horz - 130m C.E; vert +/- 30 m	latitude; 0-50 deg; 3arc secs; 50-70deg 3x 6 arc secs	n/a	30 meters
CERES	Aerosol Data (APD)	Optical Depth, Thin Stratosphere	N0037	SCIA_AER	917	aerosol	0	SCIAMACHY	EnviSat	ESRIN	Jan-1998	Jan-2001	?	?	?	?	?	?	?	?	
MOPITT	Aerosol Product	SCIAMACHY aerosol	N0124	SCIA_AER	917	aerosol	0	SCIAMACHY	EnviSat	ESRIN	Jan-1998	Jan-2001	?	?	?	?	?	?	?	?	
CERES	Cloud Image Data (CID) from TRMM VIRS	Level-1B Radiances, VIRS (Visible, 0.63)	N0074	1b-01	901	VIRS Level 1B	0	VIRIS	TRMM	GSFC	Aug-1997	Jul-2000	?	?	0.706	?	0	0	0	0	
CERES	Aerosol Data (APD)	Optical Depth, Troposphere	N0037	1b-01	916	VIRS Level 1B	0	VIRIS	TRMM	GSFC	Aug-1997	Jul-2000	?	?	0.706	?	0	0	0	0	
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	AIR05	1869	Humidity Product	Precipitable Water	AIRS	FM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0273	mm	5% :: 3% [d,n]	2/day	50 x 50 km :: G	N/A :: Atmos

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MODIS	fixed	fixed	MOD30	AIR05(1828[C])	fixed	Humidity Product	Humidity Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0273	g/kg	10% (goal) :: 5%	2/day [d,n]	50 x 50 km :: G	2 km :: Atmos
MODIS	fixed	fixed	MOD38	AIR05(1828[C])	fixed	Humidity Product	Humidity Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0273	g/kg	10% (goal) :: 5%	2/day [d,n]	50 x 50 km :: G	2 km :: Atmos
ASTER	Atmospheric data	Temperature Profile	N0009	AIR07	1588	Temperature Product	Temperature Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.4 K	2/day [d,n]	50 x 50 km :: G	1 km :: Atmos
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Land Sfc	N0039	AIR07	2481	Temperature Product	Land_sfc Temperature, Skin	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.5 K	2/day [d,n]	50 x 50 km :: Land	N/A :: Sfc
MISR	Atmospheric data	Temperature Profile	N0001	AIR07	1588	Temperature Product	Temperature Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.4 K	2/day [d,n]	50 x 50 km :: G	1 km :: Atmos
MODIS	Atmospheric Parameters, NMC	Land-Sea Temperature Difference	N0011	AIR07	2539	Temperature Product	Land_sfc Temperature-Difference, Day-Night	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	0.5 K :: 0.25 K	1/day [d,n]	50 x 50 km :: G	N/A :: Sfc
MODIS	Atmospheric data	Temperature Profile	N0027	AIR07	1588	Temperature Product	Temperature Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.4 K	2/day [d,n]	50 x 50 km :: G	1 km :: Atmos
MODIS	Atmospheric data	Temperature Profile	N0050	AIR07	1588	Temperature Product	Temperature Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.4 K	2/day [d,n]	50 x 50 km :: G	1 km :: Atmos
MODIS	fixed	fixed	MOD30	AIR07(1588[C])	fixed	Temperature Product	Temperature Profile	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	1.0 K :: 0.4 K	2/day [d,n]	50 x 50 km :: G	1 km :: Atmos
MODIS	fixed	fixed	MOD28	AIR07(2523[Q])	fixed	Temperature Product	Sea_sfc Temperature (SST), Skin	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0634	K	0.5 K :: 0.4 K	2/day [d,n]	50 x 50 km :: Ocean	N/A :: Sfc
CERES	Ozone Profile Data (OPD)	Ozone Profiles (ATM ozone)	N0038	AIR08	3690	Ozone Product	O3 Conc	AIRS	PM	GSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.004	Dobson unit	20% :: 15%	2/day [d,n]	50 x 50 km :: G	4 levels :: Atmos
AIRS	fixed	fixed	AIR03	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR04	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR05	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR06	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR07	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR08	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR09	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR10	AMS02	2350	Level-1B Radiance, AMSU	Level-1B Radiance, AMSU-A	AMSU	PM	GSFC	n/a	n/a	n/a	HDF	n/a	0.0330	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	50 x 50 km :: G	N/A :: N/A

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ASTER	GAP 3-D Data Sea Surface Wind Speed (u&v comps)		N0009	DAO_MET	49	met conditions	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
MODIS	Global CO2 Monitoring Data	CO2 Concentration	N0010	DAO_MET	848	met conditions	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
MOPITT	Temperature Fields, Analyzed	Temperature Profiles	N0125	DAO_MET	0	met conditions	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
MOPITT	Humidity Fields, Analyzed	Humidity Profiles	N0126	DAO_MET	0	met conditions	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
ASTER	GAP 3-D Data - Relative Humidity (g/kg)		N0009	DAO_RH_Prod	49	Relative Humidity	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
MOPITT	Humidity Fields, Analyzed	GAP 3-D Data - Relative Humidity (g/kg)	N0126	DAO_RH_PROD	0	Relative Humidity	0	?	?	GSFC	?	?	?	?	?	?	?	?	?	?	?
AIRS	fixed	fixed	AIR03	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR04	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR05	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR06	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR07	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR08	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR09	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
AIRS	fixed	fixed	AIR10	MHS02	2352	Level-1B Radiance, MHS	Level-1B Radiance, MHS	MHS	PM	GSFC	Dec-2000	Jun-2006	n/a	HDF	n/a	0.0420	K	0.2dg NEdT :: 0.2dg NEdT	2/day [d,n]	15 x 15 km :: G	N/A :: N/A
CERES	fixed	fixed	CCIDA	MOD02(2338)	fixed	Level-1B Radiance, Calibrated Geolocated, MODIS	Level-1B Radiance, Calibrated Geolocated, MODIS	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	500	W/m^2 sr/μm	5%(1Σ) :: RMS<NEΔ	1/day	0.25 km, 0.5 km, 1 km :: G	N/A :: N/A
MISR	fixed	fixed	MIS04	MOD02(3660)	fixed	Level-1B Radiance, Calibrated Geolocated, MODIS	Classification Masks, Clouds/Land/Water/Snow	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	500	0	0	0	0	0
MISR	fixed	fixed	MIS05	MOD02(3660)	fixed	Level-1B Radiance, Calibrated Geolocated, MODIS	Classification Masks, Clouds/Land/Water/Snow	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	500	0	0	0	0	0

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Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru	Platform	DAAC/ADC	from	to	Granule	Format	Struc	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover
CERES	Aerosol Data (APD)	Optical Depth, Troposphere	N0037	MOD04	2293	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
MISR	aerosol optical depth; SAGE-II	Opt. Depth, Spectral	N0004	MOD04	2293	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
MOPITT	Aerosol Product	Aerosol Optical Depth, Spectral	N0124	MOD04	2293	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
ASTER	fixed	fixed	AST07	MOD04(1022 )	fixed	Aerosol Product	Aerosol Size-distribution (Radius-Dispersion)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	µm, dimeless	30-50% :: 30-50%	1/day	5 x 5 :: Ocean	N/A :: Atmos
ASTER	fixed	fixed	AST09	MOD04(1022 )	fixed	Aerosol Product	Aerosol Size-distribution (Radius-Dispersion)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	µm, dimeless	30-50% :: 30-50%	1/day	5 x 5 :: Ocean	N/A :: Atmos
ASTER	fixed	fixed	AST07	MOD04(2293 )	fixed	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
ASTER	fixed	fixed	AST09	MOD04(2293 )	fixed	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
MISR	fixed	fixed	MIS05	MOD04(2293 )	fixed	Aerosol Product	Aerosol Optical Depth, Spectral	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.52	dimeless	0.05 :: 0.02 (Ocean) 0.1 :: 0.04 (Land)	1/day	50 x 50 km :: Land; 5 x 5 km :: Ocean	N/A :: Atmos
MISR	fixed	fixed	MIS05	MOD05(1874 )	fixed	Precipitable Water	Precipitable Water, Near IR	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.1	dimeless	10-20% :: 6% (NIR); double for ? LWIR)	1/day	5 km :: Land	N/A :: Atmos
MOPITT	Cloud Properties	Cloud Cover	N0123	MOD06	2081	Cloud Product	Cloud Cover	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	%	5% :: 3%	2/day [d,n], 1/mo	5 km :: G	N/A :: Cloud
MISR	fixed	fixed	MIS04	MOD06(1528 )	fixed	Cloud Product	Cloud Properties, Top	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	mb	50 mb :: 25 mb	2/day	0.5 deg :: G	N/A :: Cloud
MISR	fixed	fixed	MIS04	MOD06(2081 )	fixed	Cloud Product	Cloud Cover	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	%	5% :: 3%	1/mo	5 km :: G	N/A :: Cloud
MOPITT	fixed	fixed	MOP02	MOD06(2081 )	fixed	Cloud Product	Cloud Cover	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	%	5% :: 3%	1/mo	5 km :: G	N/A :: Cloud
MOPITT	fixed	fixed	MOP03	MOD06(2081 )	fixed	Cloud Product	Cloud Cover	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	%	5% :: 3%	1/mo	5 km :: G	N/A :: Cloud
MOPITT	fixed	fixed	MOP04	MOD06(2081 )	fixed	Cloud Product	Cloud Cover	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	1.13	%	5% :: 3%	1/mo	5 km :: G	N/A :: Cloud

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

(shaded rows are static data)

Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru ment	Platform	DAAC/ ADC	from	to	Granule	Format	Struc ture	GB/day	Units	Accuracy (Abs:Rel)	Tempor al Res.	Horizontal Res:Cover	Vertical Res:Cover
MISR	O3 total column; TOMS-2	Total column Ozone	N0005	MOD07	1333	O3 Total Burden	O3 Total Burden	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.4	DU	30DU :: 20DU	2/day	5 km, 0.5 deg :: G	Column :: Atmos
MISR	fixed	fixed	MIS05	MOD07(1333 )	fixed	O3 Total Burden	O3 Total Burden	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.4	DU	30DU :: 20DU	2/day	5 km, 0.5 deg :: G	Column :: Atmos
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Sea Sfc	N0039	MOD28	2527	Sea_sfc Temperature (SST)	Sea_sfc Temperature (SST)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	95	K	0.3-0.5 K ::	1/day, 1/wk, 1/mo	1 km :: Ocean/L	N/A :: Sfc
ASTER	atmospheric data, NMC	Atmos Temp. Profile	N0009	MOD30	3726	Temperature and Moisture Profiles	Temperature Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	K	0.5 K :: 1.5 K	2/day	5 km, 0.5 deg :: G (clear)	8 km :: Atmos (10 levels)
MOPITT	fixed	fixed	MOP02	MOD30(3726 )	fixed	Temperature and Moisture Profiles	Temperature Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	K	0.5 K :: 1.5 K	2/day	5 km, 0.5 deg :: G (clear)	8 km :: Atmos (10 levels)
MOPITT	fixed	fixed	MOP03	MOD30(3726 )	fixed	Temperature and Moisture Profiles	Temperature Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	K	0.5 K :: 1.5 K	2/day	5 km, 0.5 deg :: G (clear)	8 km :: Atmos (10 levels)
MOPITT	fixed	fixed	MOP04	MOD30(3726 )	fixed	Temperature and Moisture Profiles	Temperature Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	K	0.5 K :: 1.5 K	2/day	5 km, 0.5 deg :: G (clear)	8 km :: Atmos (10 levels)
MOPITT	fixed	fixed	MOP02	MOD30(3727 )	fixed	Temperature and Moisture Profiles	Water Vapor Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	0	5 - 50 % ::	2/day	5 km, 0.5 deg :: G (clear)	350mb :: Atmos (3 levels low, medium, high)
MOPITT	fixed	fixed	MOP03	MOD30(3727 )	fixed	Temperature and Moisture Profiles	Water Vapor Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	0	5 - 50 % ::	2/day	5 km, 0.5 deg :: G (clear)	350mb :: Atmos (3 levels low, medium, high)
MOPITT	fixed	fixed	MOP04	MOD30(3727 )	fixed	Temperature and Moisture Profiles	Water Vapor Profile	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	11.2	0	5 - 50 % ::	2/day	5 km, 0.5 deg :: G (clear)	350mb :: Atmos (3 levels low, medium, high)
MOPITT	fixed	fixed	MOP02	MOD38(3725 )	fixed	Water Vapor, Atmospheric (Thermal IR)	Water Vapor, Atmospheric (Thermal IR)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.4	mm	>20% or 5 mm ::	2/day	5 km, 0.5 deg :: G (clear)	N/A :: Atmos
MOPITT	fixed	fixed	MOP03	MOD38(3725 )	fixed	Water Vapor, Atmospheric (Thermal IR)	Water Vapor, Atmospheric (Thermal IR)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.4	mm	>20% or 5 mm ::	2/day	5 km, 0.5 deg :: G (clear)	N/A :: Atmos
MOPITT	fixed	fixed	MOP04	MOD38(3725 )	fixed	Water Vapor, Atmospheric (Thermal IR)	Water Vapor, Atmospheric (Thermal IR)	MODIS	AM,PM	GSFC	Jun-1998	Oct-2008	unknown	HDF	unknown	0.4	mm	>20% or 5 mm ::	2/day	5 km, 0.5 deg :: G (clear)	N/A :: Atmos
LIS	Precipitation	0	N0110	2B-31	0	TRMM combined; surf. rainfall rate & profiles	0	TMI & VIRS	TRMM	GSFC/M SFC	Aug-1997	Jul-2000	?	?	?	5.957	?	?	?	?	?
CERES	Optical Depth, Thin Stratosphere	Aerosol Data (APD)	N0037	ILAS_AER	917	Aerosol	0	ILAS	ADEOSI	Japan	Jan-1996	Jan-1999	?	?	?	?	?	?	?	?	?
MOPITT	Aerosol Product	ADEOSI aerosol	N0124	ILAS_AER	917	Aerosol	0	ILAS	ADEOSI	Japan	Jan-1996	Jan-1999	?	?	?	?	?	?	?	?	4km::?
CERES	Ozone Profile Data (OPD)	Ozone Profiles (ATM ozone)	N0038	ILAS_OZONE	890	Ozone	0	ILAS	ADEOSI	Japan	Jan-1996	Jan-1999	?	?	?	?	?	?	?	?	?
CERES	Ozone Profile Data (OPD)	Ozone Total Column	N0038	TOMS_OZONE	891	Column Ozone	0	TOMS	ADEOSI	Japan	Jan-1996	Jan-1999	0	0	0	0	0	0	0	0	0
MISR	O3 total column; TOMS-2	O3 Total Column	N0005	TOMS_OZONE	552	Column Ozone	0	TOMS	ADEOSI	Japan	Jan-1996	Jan-1999	0	0	0	0	0	0	0	0	0
MODIS	O3 Optical Thickness	Ozone Optical Thickness	N0015	TOMS_OZONE	853	Column Ozone	0	TOMS	ADEOSI	Japan	Jan-1996	Jan-1999	0	0	0	0	0	0	0	0	0

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

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Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru	Platform	DAAC/ADC	from	to	Granule	Format	Structure	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	AVHRR_ICE	337	Mapped AVHRR (Ice) imagery	0	AVHRR	POES	JIC	Jan-1990	Jan-2010	?	?	0	?	?	?	12 hours	5.9 km (GAC), 2.9 km (LAC)	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Sea-ice Type, Sfc	N0079	AVHRR_ICE	896	Mapped AVHRR (Ice) imagery	0	AVHRR	POES	JIC	Jan-1990	Jan-2010	?	?	0	?	?	?	12 hours	5.9 km (GAC), 2.9 km (LAC)	n/a
MODIS	fixed	fixed	MOD09	CER04(4104)	fixed	Single Satellite Cloud-Radiation Pixel Product (CRS)	Radiative Flux, LW, Down, Sfc	CERES	TRMM,AM, PM	LaRC	Aug-1997	Jun-2006	unknown	HDF	unknown	6.912	W/m^2	15 W/m^2 :: 15 W/m^2	2/day	25 km::G	N/A :: Sfc
CERES	Aerosol Data (APD)	Optical Depth, Thin Stratosphere	N0037	EOS3	2297	Aerosol Optical Thickness	Aerosol Optical Thickness	EOSP	AM2	LaRC	Jun-2002	Nov-2007	unknown	HDF	unknown	0.016	dimens ionless	0.05 :: 10%	1/day [d]	40 km :: G	Column :: Atmos
CERES	ISCCP B3 Radiance Data (GEO)	Level 1B radiance	N0076	ISCCP radiances	877	ISCCP radiances	0	0	0	LaRC	Jan-1990	Jan-2010	0	0	0	0	0	0	0	0	0
MODIS	fixed	fixed	MOD09	MIS03(3728)	fixed	Level-1B2 Product	Surface-Projected Radiance	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	81.1	W/m^2/sr/μm	3% (@ equivalent reflectanc e of 1.0), 6% (@ 0.05) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	1.1 km :: G	N/A :: Sfc
CERES	Aerosol Data (APD)	Optical Depth, Troposphere	N0037	MIS05	2299	Aerosol Product	Aerosol Optical Depth	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
MOPITT	Aerosol Product	Aerosol Optical Depth	N0124	MIS05	2299	Aerosol Product	Aerosol Optical Depth	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
MODIS	fixed	fixed	MOD04	MIS05(1993)	fixed	Aerosol Product	Aerosol Size-distribution Parameters, Effective	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	μm	TBD :: 0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
ASTER	fixed	fixed	AST07	MIS05(2299)	fixed	Aerosol Product	Aerosol Optical Depth	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
ASTER	fixed	fixed	AST09	MIS05(2299)	fixed	Aerosol Product	Aerosol Optical Depth	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
MODIS	fixed	fixed	MOD04	MIS05(2299)	fixed	Aerosol Product	Aerosol Optical Depth	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos
ASTER	fixed	fixed	AST07	MIS05(2335)	fixed	Aerosol Product	Aerosol Phase Function, Effective	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 20% (values>1, 0), 2X (values≤1, 0) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	N/A :: Trop
ASTER	fixed	fixed	AST09	MIS05(2335)	fixed	Aerosol Product	Aerosol Phase Function, Effective	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	dimens ionless	0.05 (@0.5) :: 20% (values>1, 0), 2X (values≤1, 0) :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	N/A :: Trop
MODIS	fixed	fixed	MOD09	MIS06(2631)	fixed	Surface Product	Reflectance Factor, Bidirectional [BRF]	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	7.1	dimens ionless	0.05, 12%	1/(2-9 day) [d]	1.1 km (L), 2.2 km (O) :: G	N/A :: Sfc
ASTER	fixed	fixed	AST07	MIS08(1993A)	fixed	Aerosol Product	Aerosol Size-distribution Parameters, Effective	MISSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	μm	TBD :: 1/(2-9 day) [d]	1/(2-9 day) [d]	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

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Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru	Platform	DAAC/ADC	from	to	Granule	Format	Structure	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover
ASTER	fixed	fixed	AST09	MIS08(1993A)		Aerosol Product	Aerosol Size-distribution Parameters, Effective	MSR	AM	LaRC	Jun-1998	May-2003	unknown	HDF	unknown	3.4	μm	TBD ::	17.6 km (L), 2.2 km (O) :: G	Column :: Atmos	
CERES	Aerosol Data (APD)	Optical Depth, Thin Stratosphere	N0037	SAG02	1012	Aerosol Extinction Profiles (at 7 wavelengths)	Aerosol Extinction Profiles (at 7 wavelengths)	AERO,CHE		LaRC	Jun-2002	Nov-2007	unknown	HDF	unknown	0.0004	/km	5% :: 5%	1/(2 min), 30/day :: G	<2 x <1 dg	1 km :: 0-40 km
MISR	fixed	fixed	MIS05	SAG02(1012)		Aerosol Extinction Profiles (at 7 wavelengths)	Aerosol Extinction Profiles (at 7 wavelengths)	AERO,CHE		LaRC	Jun-2002	Nov-2007	unknown	HDF	unknown	0.0004	/km	5% :: 5%	1/(2 min), 30/day :: G	<2 x <1 dg	1 km :: 0-40 km
CERES	Ozone Profile Data (OPD)	Ozone Profiles (ATM ozone)	N0038	SAG07	1321	O3 Conc & Mixing Ratio	O3 Conc & Mixing Ratio, Solar	AERO,CHE		LaRC	Jun-2002	Nov-2007	unknown	HDF	unknown	0.0007	Molecule/cc & ppmv	6% :: 5 %	1/(2 min), 30/day :: G	<2 x <1 dg	1 km :: 6-85 km
MISR	O3 total column; TOMS-2	Total column Ozone	N0005	SAG07	1321	O3 Conc & Mixing Ratio	O3 Conc & Mixing Ratio, Solar	AERO,CHE		LaRC	Jun-2002	Nov-2007	unknown	HDF	unknown	0.0007	Molecule/cc & ppmv	6% :: 5 %	1/(2 min), 30/day :: G	<2 x <1 dg	1 km :: 6-85 km
LIS	METEOSAT Imagery	0	N0112	MSAT_CLDM	OT_AUTO	0	Cloud Motion Autowinds	0	Imager	METEOSAT	METEOS	Jan-1990	Jan-2010	?	?	N/A	?	?	SFC-700mb: (+/-)2-6m/s 700-100mb: (+/-)5-8m/s	5 km :: Hemispheric	-25 mb
LIS	METEOSAT Imagery	0	N0112	MSAT_CLDM	OT_WND	0	Cloud Motion Winds	0	Imager	METEOSAT	METEOS	Jan-1990	Jan-2010	?	?	N/A	?	?	SFC-700mb: (+/-)2-6m/s 700-100mb: (+/-)5-8m/s	5 km :: Hemispheric	-25 mb
LIS	METEOSAT Imagery	0	N0112	MSAT_LL_WND	0	Low-Level Winds	0	Imager	METEOSAT	METEOS	Jan-1990	Jan-2010	?	?	2.5 degree grid	?	?	(+/-) 2-6 m/s 400-100mb: (+/-)6-9m/s	5 km :: Hemispheric	N/A	
LIS	METEOSAT Imagery	0	N0112	MSAT_WVMO	T_AUTO	0	Water Vapor Motion Autowinds	0	Imager	METEOSAT	METEOS	Jan-1990	Jan-2010	?	?	N/A	?	?	5 km :: Hemispheric	-50 mb	
LIS	Ground/ Radar data	0	N0114	1B-51	0	Ground Truth Level 1B	0	Radar	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	1.717	dBZ	0	0	0	0
LIS	Ground/ Radar data	0	N0114	1C-51	0	Ground Truth Level 1C	0	Radar	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	3.799	?	0	0	0	0
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	2A-12	886	Surf. Rain rate + profiles	0	TMI	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	6.205	?	?	?	?	?
CERES	Microwave Liquid Water Path (LWP)	Liquid Water Path	N0077	2A-12	878	Surf. Rain rate + profiles	0	TMI	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	6.205	?	?	?	?	?
LIS	Precipitation	0	N0110	2A-12	0	Surf. Rain rate + profiles	0	TMI	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	6.205	?	?	?	?	?
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	2A-12	886	Surf. Rain rate + profiles	0	TMI	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	6.205	?	?	?	?	?
LIS	Precipitation	0	N0110	2A-23	0	Rain/no-rain, rain type, etc.	0	PR	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	0.154	?	?	?	?	?
LIS	Precipitation	0	N0110	2A-24	0	Standard Z-R rainfall rates	0	PR	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	1.235	?	?	?	?	?

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

(shaded rows are static data)

Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instru ment	Platform	DAAC/ ADC	from	to	Granule	Format	Struc ture	GB/day	Units	Accuracy (Abs:Rel)	Tempor al Res.	Horizontal Res:Cover	Vertical Res:Cover
LIS	Precipitation	0	N0110	2A-25	0	PR Profile; est. of rainfall & water content	0	PR	TRMM	MSFC	Aug-1997	Jul-2000	?	?	?	5.298	?	?	?	?	?
CERES	Microwave Liquid Water Path (LWP)	Microwave Liquid Water Path	N0077	MIM03	3598	Oceanic Cloud Water	Cloud Liquid_Water Content	MIMR	PM	MSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.005	mg/c m^2	3 mg/cm^2	14 km :: Ocean	0	N/A :: Trop
CERES	Microwave Liquid Water Path (LWP)	Microwave Liquid Water Path	N0077	MIM14	3598	Gridded Oceanic Cloud Water	Cloud Liquid_Water Content	MIMR	PM	MSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0001	mg/c m^2	1 mg/cm^2	1/day	1.0 deg ::	N/A :: Trop
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	MIM15	3596	Gridded Oceanic Water Vapor	Precipitable Water	MIMR	PM	MSFC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.0001	g/cm^2	<0.1 g/cm^2 ::	1/day	1.0 deg ::	Column :: Trop
MISR	aerosol climatology	Aerosol Climatology	N0003	Aerosol Climatology	839	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MISR	aerosol optical depth; SAGE-II	Aerosol Optical Depth	N0004	Aerosol Optical Depth	211	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Atmospheric Parameters, NMC	Air Mass Type	N0011	Air Mass Type	856	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Atmospheric Parameters, NMC	Air-Sea Temperature Difference	N0011	Air-Sea Temperature Difference	251	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MISR	O3 total column; TOMS-2	Total column Ozone	N0005	AIRS08	3960	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Albedo, Visible, SURFMAP	N0079	SURFMAP	895	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Bio-optical Profiling Data	Bio-optical Profiling Data	N0016	Bio-optical Profiling Data	854	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS		MOD09 CER04(4101)			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Clear sky radiance	Clear sky radiance	N0028	Clear sky radiance	9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Data from CZCS-type case I algorithm	CZCS-type Case I Data	N0017	CZCS	855	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ASTER	atmospheric data, NMC	GAP 3-D Data Surface Pressure (mbs)	N0009	DAO_Surf_Pres	49	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MISR	Earth-Sun ephemeris (US Naval Observatory)	Earth-Sun Ephemeris (US Naval Observatory)	N0008	ECMWF_SST	213	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Sea Sfc	N0039	ECMWF_SST	911	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ASTER	ground control points	Ground Control Points	N0045	EDC	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	ground control points	Ground Control Points	N0045	EDC	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ASTER	ground control points	Ground Control Points	N0045	EDC/MODIS SDST	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	ground control points	Ground Control Points	N0045	EDC/MODIS SDST	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Diurnal Changes in Near Surface water	Diurnal Changes in Near Surface Water	N0031	FIRE/BOREAS	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Elevation, above Sea Level	N0079	FNOC DEM	892	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Atmospheric Parameters, NMC	Relative Humidity	N0011	FNOC RH	250	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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MODIS	Atmospheric Parameters, NMC	Surface Pressure	N0011	FNOC_Surf_Pres	654	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
MODIS	Atmospheric Parameters, NMC	Sea Surface Wind Speed	N0011	FNOC_WS	252	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AIRS	Surface Analysis Fields from GCM	Surface Air Pressure	N0059	GCM/NMC	227	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Temperature Profile, GOES	Temperature Profile	N0051	GOES Temperature profile	171	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AIRS	Climatology Data	Humidity Profile	N0067	Humidity Profile	262	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	geophysical data; IGOFS	IGOFS	N0033	Igos	101	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Clear Reflectance and Temperature History (CRH) Data from TRMM VIRS	Julian Date, VIRS	N0075	internal	859	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Angular Direction Models (MDM) Data	Albedo Diurnal Model	N0078	internal	881	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Land Reference Map	Land Reference Map	N0029	ISLSCP Landcover CD-ROM	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Temperature Profile, MAS ER-2	Temperature Profile	N0052	MAS	172	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Water Vapor Profile, MAS ER-2	Water Vapor Profile	N0055	MAS	175	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	2500 ground radiances, in situ	Ground Radiances	N0021	MCST	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Atmospheric Parameters, NMC	Visibility	N0011	NMC - Visibility	858	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	North American Match-Up Database	Sea Surface Temperature (SST)	N0048	NOAA DBC	116	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Water vapor measurements	Water vapor measurements	N0025	optical/micro wave radiometers	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AIRS	Climatology Data	Ozone Profile	N0067	Ozone Profile	263	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AIRS	Climatology Data	Sea Surface Temperature (SST)	N0067	Sea Surface Temperature (SST)	264	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	NOAA Pathfinder Sea Surface Temperature	Sea Surface Temperature (SST)	N0049	Sea Surface Temperature (SST)	118	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ASTER	digital elevation model, high resolution	Digital Elevation Model (DEM), High-Resolution	N0046	SPOT/CNES	113	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Extraterrestrial Solar Irradiance	Extraterrestrial Solar Irradiance	N0014	Static Table from Journal Article	852	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Sunphotometers/sky data from ground network	Sunphotometers/sky data from ground network	N0024	Sunphotometers/sky data from ground network	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Surface Temperature	Surface Temperature	N0026	SurfTemp	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Terrestrial Monitoring Site Network Data	Terrestrial Monitoring Site Network Data	N0022	SMR	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instrument	Platform	DAAC/ADC	from	to	Granule	Format	Structure	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover
ASTER				AST02	TBD	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MISR				MIS10	TBD	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	Temperature and Moisture Profiles	Temperature and Moisture Profiles	N0027	Temperature and Moisture Profiles	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
AIRS	Climatology Data	Temperature Profile	N0067	Temperature Profile	261	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Sea Sfc	N0039	TMI_UNKNOWN	911	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	LTER Network data	LTER Network data	N0023	USNSF	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Water Type, Sfc	N0079	Water Type, Sfc	897	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MODIS	geophysical data; WOCE	Geophysical Data	N0034	WOCE	102	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	AVHRR_MONTHLY_SNOW	894	Snow cover monthly (mean, frequency, anomaly)		AVHRR_VISSR	GOESPOE/SMETEOSAT/GMS	NESDIS	Jan-1990	Jan-2010	?	?	89x89 km	?	?	?	monthly	n/a:N Hemis	n/a
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	AVHRR_WEEKLY_SNOW	337	Snow cover analysis (digitized fields)	0	AVHRR_VISSR	GOESPOE/SMETEOSAT/GMS	NESDIS	Jan-1990	Jan-2010	?	?	89x89 km	?	?	?	weekly	n/a:N Hemis	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	AVHRR_WEEKLY_SNOW	894	Snow cover analysis (digitized fields)	0	AVHRR_VISSR	GOESPOE/SMETEOSAT/GMS	NESDIS	Jan-1990	Jan-2010	?	?	89x89 km	?	?	?	weekly	n/a:N Hemis	n/a
MODIS	Snow Cover Maps of North America	Snow Cover	N0057	AVHRR_WEEKLY_SNOW	338	Snow cover analysis (digitized fields)	0	AVHRR_VISSR	GOESPOE/SMETEOSAT/GMS	NESDIS	Jan-1990	Jan-2010	?	?	89x89 km	?	?	?	weekly	n/a:N Hemis	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Sea-ice Type, Sfc	N0079	COM.PSADTIV.T.DMSP.MIF11SNW	896	SSM/I Sea Ice (Navy Alg.)/ Snow Cover Product	SSM/I MasterMaps Sea Ice/ Snow Cover	DMSP: Satellite F-11	NESDIS	Jan-1990	Jan-2010	?	0	1024x1024 pixel, SSM/I polar-MasterMaster stereographic grids	1/16th mesh	sea ice/snow index val	4.194	~25-60 km :: hemispheric	0 daily	N/A	
MOPITT	Cloud Properties	Cloud Cover	N0123	GOES_ASOS_CLD	0	ASOS Cloud Cover Supplement	GOES VAS Cloud Cover	VAS	GOES	NESDIS	Mar-1993	?	?	?	?	?	Amount: (+/- 1 category	Site Specific :: Continental	Above 10,000 feet		
LIS	GOES Imagery	0	N0112	GOES_VAS_L1B	0	Radiances/ Imagery	GOES VAS Level 1B	VAS	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	Height: -5000 feet	?	?	
LIS	GOES Imagery	0	N0112	GOES_VISSR_L1B	0	Radiances/ Imagery	GOES VISSR Level 1B	VISSR	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	1.1454	?	?	?	N/A	
LIS	Radiance	0	N0116	SSMI_L1B	0	Radiance/temperatures	SSM/I Level 1B	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	one orbit (~90 min. of data)	?	?	K	?	?	25 km :: orbital swaths	N/A	
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	SSMI_PRECIP	886	Total precipitable water (navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	6 hours	25km:orbital swaths	n/a	
CERES	Microwave Liquid Water Path (LWP)		N0077	SSMI_PRECIP	878	Total precipitable water (navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	6 hours	25km:orbital swaths	n/a	
LIS	Precipitation	0	N0110	SSMI_PRECIP	0	Total precipitable water (navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	6 hours	25km:orbital swaths	n/a	

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LIS	Precipitation	0	N0110	SSMI_RAIN	0	Instantaneous rainfall (Navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	mm	?	6 hours	25km:orbital swaths	n/a	
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	SSMI_SNOW	337	Snow ice cover (Navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	?	6 hours	25km:orbital swaths	n/a	
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	SSMI_SNOW	894	Snow ice cover (Navy alg.)	0	SSM/I	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	?	6 hours	25km:orbital swaths	n/a	
LIS	Sounding data	0	N0115	SSMT2_SND	0	Sounding products	SSM/T-2 Soundings	SSM/T-2	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	?	?	?	?	?	?
MOPITT	Cloud Properties	Cloud Amount, Type, Height	N0123	SSMT_NEPH	0	Real-Time Nephanalysis Cloud Amount/ Type/ Height	SSM/T Nephanalysis, Cloud Properties	SSM/T	DMSP	NESDIS	Mar-1993	?	?	?	?	?	?	?	1 per day	? :: Global	4 Layers	
MOPITT	Cloud Properties	Convective Cloud Top Height Analysis	N0123	TAGF01	0	Convective cloud top height analysis	GOES VISSR Cloud Heights	VISSR	GOES	NESDIS	?	?	?	?	?	?	(+/- 5000 feet	every 6 hours	8 km :: Hemispheric	1000 - 100 mb		
MOPITT	Cloud Properties	Cloud Amount (%) and Cloud Top Pressure (mb)	N0123	TATG01	849	Cloud amount & cloud top pressure	HIRS/2	GOES	NESDIS	Jan-1990	Jan-2010			0.5 degree grid	?	C	~15%, 20-70mb	orbital	50km:orbital	n/a		
LIS	Sounding data	0	N0115	TCDG01	0	Layer-mean virtual temperature	0	SSM/T	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	K	2.25-3.5	110 mins	175km:orbital swath	11 layers:?	
MODIS	Temperature Profile, HIRS	Temperature Profile	N0050	TCDG01	170	Layer-mean virtual temperature	0	SSM/T	DMSP	NESDIS	Jan-1990	Jan-2010	?	?	?	?	K	2.25-3.5	110 mins	175km:orbital swath	11 layers:?	
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	TCGN05	886	Total precipitable water	0	MSI	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	60 mins	14Km:N America	n/a		
CERES	Microwave Liquid Water Path (LWP)	Microwave Liquid Water Path	N0077	TCGN05	878	Total precipitable water	0	MSI	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	60 mins	14Km:N America	n/a		
MODIS	Water Vapor Profile, GOES	Water Vapor Profile	N0054	TCGN05	174	Total precipitable water	0	MSI	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	60 mins	14Km:N America	n/a		
CERES	Microwave Humidity (MWH) Data	Precipitable Water	N0036	TCTG02	886	Layer precipitable water	0	HIRS/2, MSU	POES	NESDIS	Jan-1990	Jan-2010			orbital updates (500*40,000km)	DSD3	DSD3	0 mm	(+/- 30%	110 mins	17km:orbital swath	3 layers:?
MODIS	Water Vapor Profile, HIRS	Water Vapor Profile	N0053	TCTG02	173	Layer precipitable water	0	HIRS/2, MSU	POES	NESDIS	Jan-1990	Jan-2010			orbital updates (500*40,000km)	DSD3	DSD3	0 mm	(+/- 30%	110 mins	17km:orbital swath	3 layers:?
MODIS	Temperature Profile, HIRS	Temperature Profile	N0050	TCTG05	170	Layer-mean virtual temperatures		HIRS/2, MSU, SSU	POES	NESDIS	Jan-1990	Jan-2010			orbital updates (500*40,000km)	DSD3	DSD3	0.12 K	2.5-3.5	110 mins	17km:orbital swath	15 layers:?
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Sea Sfc	N0039	TDTG01	911	Global SST observations	0	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	?	?	8-25 km grid size	?	C	(+/- 0.5C	8 hours	8km:orbital swaths	n/a	
CERES	Ozone Profile Data (OPD)	Ozone Profiles (ATM ozone)	N0038	TITG01	890	Level ozone (100, 70, 50, 30, 10, 5, 2, 1, 0.4 mb)	0	SBUV/2	POES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	(+/- 5%	24 hours	200km:G	9 levels:?		
MISR	O3 total column: TOMS-2	Total column Ozone	N0005	TITG01	552	Level ozone (100, 70, 50, 30, 10, 5, 2, 1, 0.4 mb)	0	SBUV/2	POES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	(+/- 5%	24 hours	200km:G	9 levels:?		
MODIS	O3 Optical Thickness	Ozone Optical Thickness	N0015	TITG01	853	Level ozone (100, 70, 50, 30, 10, 5, 2, 1, 0.4 mb)	0	SBUV/2	POES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	(+/- 5%	24 hours	200km:G	9 levels:?		

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AIRS	Surface Type Map	Surface Type	N0066	TJTG01	331	Vegetation index	0	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	NDVI	?	weekly	24km :global	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Vegetation	N0079	TJTG01	0	Vegetation index	0	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	NDVI	?	weekly	24km :global	n/a
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	TJZN01	337	snow cover analysis (chart)	0	AVHRR, VISS	POES, GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	n/a	weekly	4 km : global	n/a
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	TJZN01	894	snow cover analysis (chart)	0	VISS	GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	n/a	weekly	4 km : global	n/a
MODIS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0056	TJZN01	336	snow cover analysis (chart)	0	AVHRR, VISS	POES, GOES	NESDIS	Jan-1990	Jan-2010	?	?	?	?	n/a	n/a	weekly	4 km : global	n/a
MOPITT	Aerosol Product	Global Aerosol Obs. - Optical Depth	N0124	TKTG01	916	Global aerosol observations	AER.AEROBS	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	8 day file	?	8-25 km grid size	0.0065	Optical depth units	0.03-0.05 ODU	6 hours	8km:orbital swaths	n/a
CERES	Aerosol Data (APD)	Optical Depth, Troposphere	N0037	TKTG02	916	Aerosol daily summarized file	AER.DAYSUM	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	daily table	?	10x10 degree	1E-05	Optical depth units	0.03-0.05 ODU	6 hours	n/a:G	n/a
MOPITT	Aerosol Product	Aerosol Global Analyzed Field - Optical Depth	N0124	TKTG02	916	Aerosol global analyzed fields	SST.TSTKM100	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	weekly file	?	1x1 degree	0.0002	Optical depth units	0.03-0.05 ODU	7 days	n/a:G (70N-70S)	n/a
MOPITT	Aerosol Product	Aerosol Daily Summary File - Optical Depth	N0124	TKTG03	916	Aerosol daily summarized file	AER.DAYSUM	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	daily table	?	10x10 degree	1E-05	Optical depth units	0.03-0.05 ODU	6 hours	n/a:G	n/a
MOPITT	Aerosol Product	Aerosol Extreme Events Observation File - Optical Depth	N0124	TKTG04	916	Aerosol extreme events observation file	AER.EXTROBS	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	37 days	0	8-25 km grid size	0.0007	Optical depth units	0.03-0.05 ODU	6 hours	8km:G	n/a
MOPITT	Aerosol Product	Aerosol Monthly Mean Field File - Optical Depth	N0124	TKTG05	916	Aerosol monthly mean field file	AER.MOMEAN	AVHRR	POES	NESDIS	Jan-1990	Jan-2010	month file	?	1x1 degree	2E-05	Optical depth units	0.03-0.05 ODU	monthly	n/a:G (70N-70S)	n/a
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	MIM18	3713	Snow Depth*	Snow Depth	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.005	0	0	0	23 km :: Land	N/A :: Sfc
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	MIM18	3713	Snow Depth*	Snow Depth	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.005	0	0	0	23 km :: Land	N/A :: Sfc
MODIS	Snow Cover Maps of North America	Snow Cover	N0057	MIM18	3713	Snow Depth*	Snow Depth	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.005	0	0	0	23 km :: Land	N/A :: Sfc
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	MIM22	3611	Sea Ice Concentration	Sea_Ice Conc	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.009	0	7% ::	0	12 km :: Ocean/Cryo	N/A :: Sfc
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	MIM22	3611	Sea Ice Concentration	Sea_Ice Conc	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.009	0	7% ::	0	12 km :: Ocean/Cryo	N/A :: Sfc
AIRS	NOAA Weekly Snow and Ice Charts	Snow / Ice Cover	N0068	MIM23	3609	Sea Ice Type	Sea_Ice Type	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.009	0	11% ::	0	12 km :: Ocean/Cryo	:: Sfc
CERES	Geographical Map of Earth (SURFMAP) Data	Snow Type, Sfc	N0079	MIM23	3609	Sea Ice Type	Sea_Ice Type	MMR	PM	NSIDC	Dec-2000	Jun-2006	unknown	HDF	unknown	0.009	0	11% ::	0	12 km :: Ocean/Cryo	:: Sfc
ASTER	atmospheric data, NMC	GAP 3-D Data Surface Pressure (mbs)	N0009	COM.CED1.AN.L.T0xx.AVN	49	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
CERES	Gridded Analysis Product (GAP) - Composite of Analysis Products from NMC and ECMWF	Temperature, Land Stc	N0039	COM.CED1.AN.L.T0xx.AVN	910	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
MISR	Atmospheric Fields, Analyzed	Surface Air Pressure, Analyzed	N0001	COM.CED1.AN.L.T0xx.AVN	50	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
MODIS	Atmospheric Parameters, NMC	Relative Humidity	N0011	COM.CED1.AN.L.T0xx.AVN	250	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
MODIS	Surface Temperature	Temperature	N0026	COM.CED1.AN.L.T0xx.AVN	7	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0

(shaded rows are static data)

Table B Sorted by DAAC/ADC and Input

(shaded rows are static data)

Instrument	General Requirement	Detailed Requirement	Parent	Input	parm #	Parm/Product Name	Other name	Instrument	Platform	DAAC/ADC	from	to	Granule	Format	Structure	GB/day	Units	Accuracy (Abs:Rel)	Temporal Res.	Horizontal Res:Cover	Vertical Res:Cover
MOPITT	Temperature Fields, Analyzed	Temperature Profiles	N0125	COM.CED1.AN L.T0xx.AVN	157	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
MOPITT	Humidity Fields, Analyzed	Humidity Profiles	N0126	COM.CED1.AN L.T0xx.AVN	214	ANL	CED1	0	AVN	NWS	Jan-1990	Jan-2010	0	SG	0	0	0	0	0	0	0
AIRS	Radiosonde Observations, NMC	Temperature Profiles	N0060	NMC_BUFR	46	NMC Observation Products	all BUFR products	in-situ	NMC	NWS	Jan-1990	Jan-2010	various	BUFR	various	various	various	various	various	various	various
AIRS	Radiosonde Observations, NMC	Humidity Profiles	N0060	NMC_BUFR	744	NMC Observation Products	all BUFR products	in-situ	NMC	NWS	Jan-1990	Jan-2010	various	BUFR	various	various	various	various	various	various	various
AIRS	Ship and Buoy Data	Ship and Buoy Conventional Observations	N0061	NMC_BUFR	231	NMC Observation Products	all BUFR products	in-situ	NMC	NWS	Jan-1990	Jan-2010	various	BUFR	various	various	various	various	various	various	various
AIRS	Aircraft Observations	Aircraft Conventional Observations	N0062	NMC_BUFR	232	NMC Observation Products	all BUFR products	in-situ	NMC	NWS	Jan-1990	Jan-2010	various	BUFR	various	various	various	various	various	various	various
MODIS	column water vapor; in situ (radiosonde)	Column Water Vapor	N0019	NMC_BUFR	745	NMC Observation Products	all BUFR products	in-situ	NMC	NWS	Jan-1990	Jan-2010	various	BUFR	various	various	various	various	various	various	various
LIS	Ground/ Radar data	0	N0114	2A-52i	0	Ground validation; rain existence	0	Radar	n/a	TSDIS	Aug-1997	Jul-2000	?	?	?	4E-06	?	?	?	?	?
LIS	Ground/ Radar data	0	N0114	2A-53	0	Ground validation; single radar rain-rate map	0	Radar	n/a	TSDIS	Aug-1997	Jul-2000	?	?	?	0.631	?	?	?	?	?
LIS	Ground/ Radar data	0	N0114	2A-55	0	Ground validation; Rain gauge	0	Rain gauge	n/a	TSDIS	Aug-1997	Jul-2000	?	?	?	0.02	?	?	?	?	?
LIS	Ground/ Radar data	0	N0114	2A-56	0	Ground validation; Disdrometer	0	Disdrometer	n/a	TSDIS	Aug-1997	Jul-2000	?	?	?	0.02	?	?	?	?	?